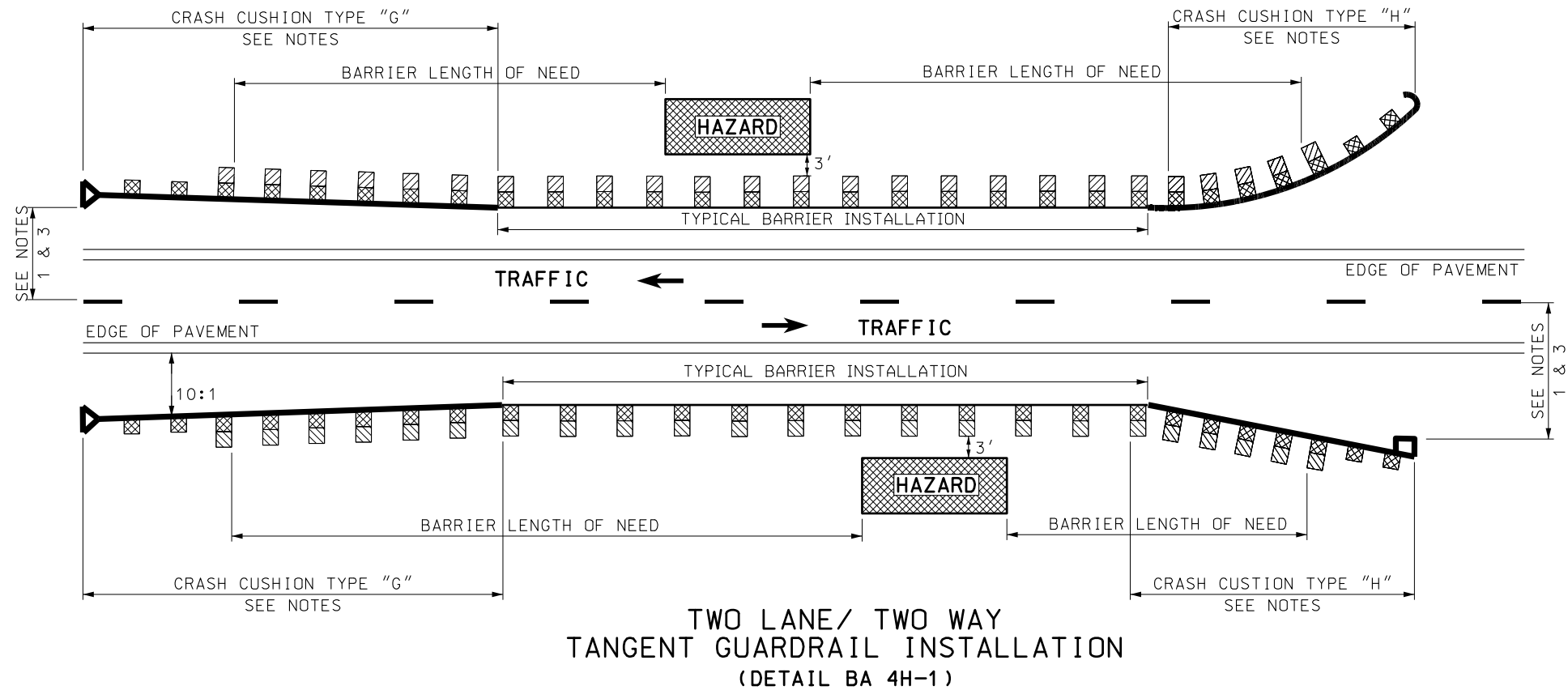


18-DEC-2007 DGN File: L:\Standard Drawings\Imperial\2008\Approved\Barriers (BA)\BA 4H.dgn

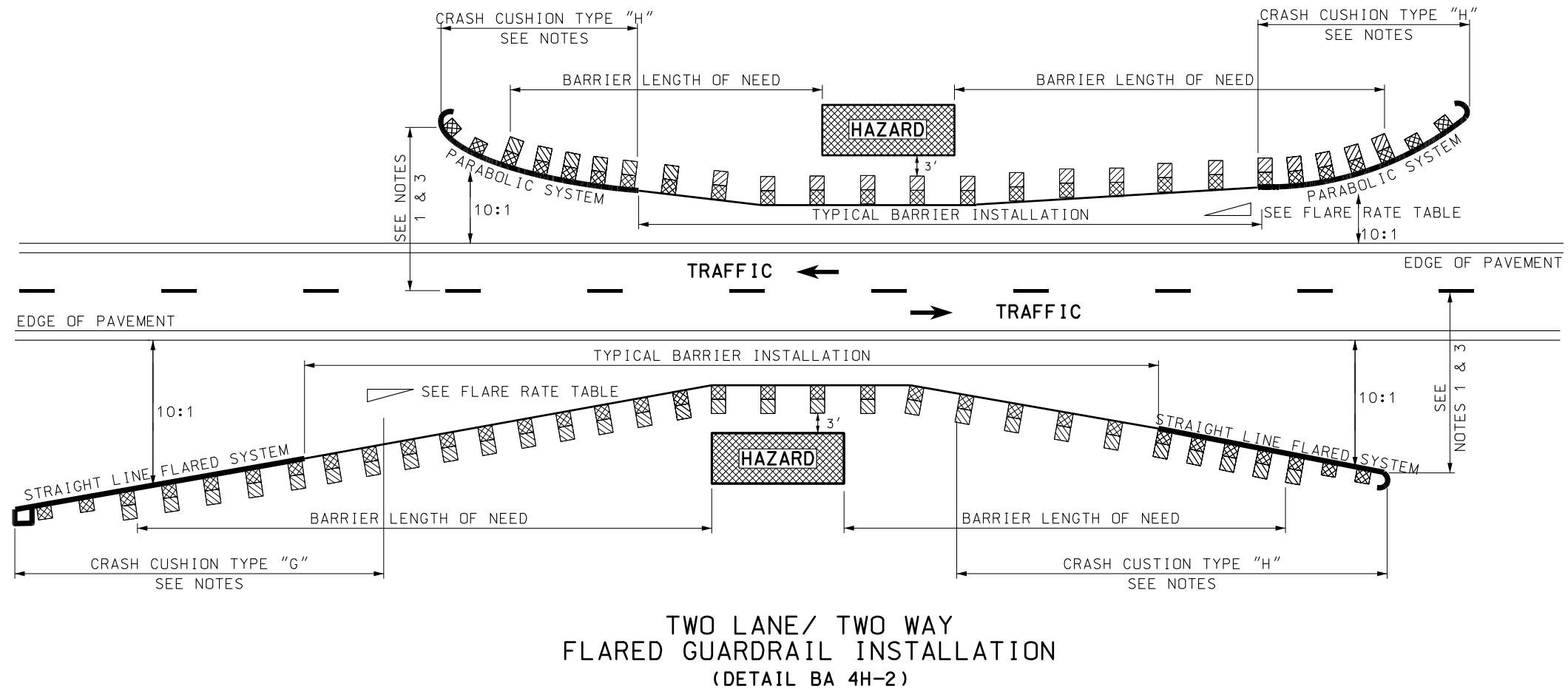


NOTES:

1. USE CRASH CUSHION WHEN END OF GUARDRAIL INSTALLATION IS WITHIN 1.2 TIMES THE AASHTO REQUIRED CLEAR ZONE.
2. USE A CRASH CUSHION OR ANCHOR TYPE I WHEN END OF GUARDRAIL INSTALLATION IS EQUAL TO OR GREATER THAN 1.2 TIMES THE AASHTO CLEAR ZONE, FOR OPPOSING TRAFFIC.
3. CRASH CUSHIONS SHOWN ARE FOR ILLUSTRATION. TYPES "G" AND "H" CAN BE USED ON TANGENT OR FLARED GUARDRAIL INSTALLATIONS.
4. CONSIDER USING BURIED-IN-BACKSLOPE TERMINAL END WHEN CONDITIONS PERMIT.
5. CONSULT GUIDELINES FOR CRASH CUSHIONS AND STANDARD DRAWINGS, CC SERIES, FOR PROPER CRASH CUSHION SELECTION AND INSTALLATION.

FLARE RATE TABLE		
SPEED (MPH)	RATE OUTSIDE SHY LINE	* RATE INSIDE SHY LINE
≤35	7:1	13:1
40	8:1	16:1
45	10:1	18:1
50	11:1	21:1
55	12:1	24:1
60	14:1	26:1
65	15:1	30:1
≥70	15:1	30:1

* DESIGN EXCEPTION REQUIRED



REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION

RECOMMENDED FOR APPROVAL
CHAIRMAN STANDARDS COMMITTEE
APPROVED
DEPUTY DIRECTOR

W-BEAM GUARDRAIL
TYPICAL
2 LANE 2 WAY

STD DWG
BA 4H

STANDARD DRAWING TITLE

REMARKS

NO. DATE APPR.

JAN.01.2008 DATE

JAN.01.2008 DATE